

L Number	Hits	Search Text	DB	Time stamp
1	335757	loop	USPAT	2004/06/22 13:19
2	146794	reactor	USPAT	2004/06/22 13:19
3	2424	loop near3 reactor	USPAT	2004/06/22 13:18
4	1189926	agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer	USPAT	2004/06/22 13:20
5	664	(loop near3 reactor) same (agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer)	USPAT	2004/06/22 13:19
6	160498	vane vanes vaned baffle baffles baffled fin fins finned	USPAT	2004/06/22 13:20
7	41	(loop near3 reactor) same (vane vanes vaned baffle baffles baffled fin fins finned)	USPAT	2004/06/22 13:19
8	479556	loop	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:20
9	218093	reactor	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:20
10	2283540	agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:37
11	245158	vane vanes vaned baffle baffles baffled fin fins finned	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:20
12	3165	loop near3 reactor	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:20
13	2246	(agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer) and (loop near3 reactor)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:20
14	352	(vane vanes vaned baffle baffles baffled fin fins finned) and (loop near3 reactor)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:20
15	294	((agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer) and (loop near3 reactor)) and ((vane vanes vaned baffle baffles baffled fin fins finned) and (loop near3 reactor))	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:20
16	256090	polymerization polymerize	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:20
17	83	((agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer) and (loop near3 reactor)) and ((vane vanes vaned baffle baffles baffled fin fins finned) and (loop near3 reactor))) and (polymerization polymerize)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:26
18	182870	slurry	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:26
19	7304	(polymerization polymerize) with slurry	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:26
20	743	(loop near3 reactor) and ((polymerization polymerize) with slurry)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:26
21	838	(loop near3 reactor) same (agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:27
22	49	(loop near3 reactor) same (vane vanes vaned baffle baffles baffled fin fins finned)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:27
23	133	((loop near3 reactor) and ((polymerization polymerize) with slurry)) and ((loop near3 reactor) same (agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer))	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:27

24	1	((loop near3 reactor) and ((polymerization polymerize) with slurry)) and ((loop near3 reactor) same (vane vanes vaned baffle baffles baffled fin fins finned))	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:27
25	117	((loop near3 reactor) and ((polymerization polymerize) with slurry)) and ((loop near3 reactor) same (agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer))) not (((agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer) and (loop near3 reactor)) and ((vane vanes vaned baffle baffles baffled fin fins finned) and (loop near3 reactor))) and (polymerization polymerize))	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:27
26	1303413	angle angled	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:37
27	17423	(agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer) near2 (angle angled)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:38
28	2	(loop near3 reactor) and ((agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer) near2 (angle angled))	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:38
29	1491125	titanium aluminum steel	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:39
30	73	((((loop near3 reactor) and ((polymerization polymerize) with slurry)) and ((loop near3 reactor) same (agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer))) not (((agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer) and (loop near3 reactor)) and ((vane vanes vaned baffle baffles baffled fin fins finned) and (loop near3 reactor))) and (polymerization polymerize))) and (titanium aluminum steel)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:39
31	51864	(agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer) with (titanium aluminum steel)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:39
32	220	(loop near3 reactor) and ((agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer) with (titanium aluminum steel))	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:40
33	149	slurry and ((loop near3 reactor) and ((agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer) with (titanium aluminum steel)))	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:40
34	139392	olefin olefins	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:40
35	128	(slurry and ((loop near3 reactor) and ((agitator impeller blades impellers motor motors pump pumps bladed stirring stirrer) with (titanium aluminum steel)))) and (olefin olefins)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:44
36	569	kendrick.in.	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:44
37	42	hottovy.in.	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:45
38	6	(titanium aluminum steel) and hottovy.in.	USPAT; US-PGPUB; EPO; JPO	2004/06/22 13:45
41	1	("6239235").PN.	USPAT	2004/06/22 15:25

42	1	("6204344").PN.	USPAT	2004/06/22 15:49
43	0	("impellerbladebladedbladesagitator").PN.	USPAT; US-PGPUB; EPO; JPO	2004/06/22 15:49
44	446123	impeller blade bladed blades agitator	USPAT; US-PGPUB; EPO; JPO	2004/06/22 15:50
45	25774	bulge	USPAT; US-PGPUB; EPO; JPO	2004/06/22 15:50
46	348	(impeller blade bladed blades agitator) with bulge	USPAT; US-PGPUB; EPO; JPO	2004/06/22 15:50
47	777434	curve curved	USPAT; US-PGPUB; EPO; JPO	2004/06/22 15:50
48	136	((impeller blade bladed blades agitator) with bulge) and (curve curved)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 15:50
49	250285	polymerization	USPAT; US-PGPUB; EPO; JPO	2004/06/22 15:50
50	6	((impeller blade bladed blades agitator) with bulge) and (curve curved)) and polymerization	USPAT; US-PGPUB; EPO; JPO	2004/06/22 15:52
51	208	mixed adj pump	USPAT; US-PGPUB; EPO; JPO	2004/06/22 15:52
52	0	bulge with (mixed adj pump)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 15:52
53	5	(impeller blade bladed blades agitator) with (mixed adj pump)	USPAT; US-PGPUB; EPO; JPO	2004/06/22 15:52
-	6	US-4211863-\$.DID. OR US-5183866-\$.DID. OR US-5387659-\$.DID. OR US-5565175-\$.DID. OR US-6042790-\$.DID. OR US-6239235-\$.DID.	USPAT	2004/06/22 13:18
-	5	((("5575979") or ("4613484") or ("3565588") or ("4740550") or ("3324093"))).PN.	USPAT	2004/06/12 17:19
-	2	((("6319997") or ("6281300"))).PN.	USPAT	2004/06/14 10:15
-	334872	loop	USPAT	2004/06/14 10:21
-	146591	reactor	USPAT	2004/06/14 10:21
-	11913	loop near3 "4"	USPAT	2004/06/14 16:34
-	160966	agitator impeller blades	USPAT	2004/06/22 13:18
-	37501	vanes	USPAT	2004/06/14 10:17
-	18	(loop near3 "4") with (agitator impeller blades)	USPAT	2004/06/14 10:17
-	35	(loop near3 "4") same (agitator impeller blades)	USPAT	2004/06/14 10:17
-	377	(loop near3 "4") and (agitator impeller blades)	USPAT	2004/06/14 10:18
-	158648	polymerization	USPAT	2004/06/14 10:21
-	19	((loop near3 "4") and (agitator impeller blades)) and polymerization	USPAT	2004/06/14 10:18
-	2420	loop near3 reactor	USPAT	2004/06/14 10:19
-	44	(agitator impeller blades) with (loop near3 reactor)	USPAT	2004/06/14 10:19
-	30	polymerization and ((agitator impeller blades) with (loop near3 reactor))	USPAT	2004/06/14 10:19
-	74128	loop	US-PGPUB	2004/06/14 10:21
-	21831	reactor	US-PGPUB	2004/06/14 10:21
-	22482	agitator impeller blades	US-PGPUB	2004/06/14 10:21
-	32754	polymerization	US-PGPUB	2004/06/14 10:21
-	534	loop near3 reactor	US-PGPUB	2004/06/14 10:21
-	94	(agitator impeller blades) and polymerization and (loop near3 reactor)	US-PGPUB	2004/06/14 10:22
-	45	((agitator impeller blades) same polymerization) and (loop near3 reactor)	US-PGPUB	2004/06/14 10:22
-	2	((("6281300") or ("6319997"))).PN.	USPAT	2004/06/14 13:45
-	2	((("20030229187") or ("6239235"))).PN.	USPAT; US-PGPUB	2004/06/14 13:46

-	25	hottovy.in.	USPAT; US-PGPUB	2004/06/14 13:47
-	450	kendrick.in.	USPAT; US-PGPUB	2004/06/14 13:48
-	191402	polymerization	USPAT; US-PGPUB	2004/06/14 13:48
-	26	kendrick.in. and polymerization	USPAT; US-PGPUB	2004/06/14 13:48
-	11913	loop near3 "4"	USPAT	2004/06/14 16:35
-	52231	vane vanes	USPAT	2004/06/14 16:34
-	134	(loop near3 "4") and (vane vanes)	USPAT	2004/06/14 16:34
-	477517	agitator impeller blades mixer stirring	USPAT	2004/06/14 16:35
-	42	((loop near3 "4") and (vane vanes)) and (agitator impeller blades mixer stirring)	USPAT	2004/06/14 16:35
-	1151	loop near3 (agitator impeller blades mixer stirring)	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:01
-	237918	vane vanes baffle baffles fin fins	USPAT; US-PGPUB; EPO; JPO	2004/06/14 16:35
-	394261	agitator impeller mixer bladed blades	USPAT; US-PGPUB; EPO; JPO	2004/06/14 16:35
-	75	(loop near3 (agitator impeller blades mixer stirring)) and (vane vanes baffle baffles fin fins) and (agitator impeller mixer bladed blades)	USPAT; US-PGPUB; EPO; JPO	2004/06/14 16:36
-	255479	polymerization polymerize	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:13
-	13	((loop near3 (agitator impeller blades mixer stirring)) and (vane vanes baffle baffles fin fins) and (agitator impeller mixer bladed blades)) and (polymerization polymerize)	USPAT; US-PGPUB; EPO; JPO	2004/06/14 16:36
-	62	((loop near3 (agitator impeller blades mixer stirring)) and (vane vanes baffle baffles fin fins) and (agitator impeller mixer bladed blades)) not (polymerization polymerize)	USPAT; US-PGPUB; EPO; JPO	2004/06/14 16:38
-	76	(loop near3 (agitator impeller blades mixer stirring)) and (vane vanes baffle baffles fin fins)	USPAT; US-PGPUB; EPO; JPO	2004/06/14 16:38
-	1	((loop near3 (agitator impeller blades mixer stirring)) and (vane vanes baffle baffles fin fins)) not ((loop near3 (agitator impeller blades mixer stirring)) and (vane vanes baffle baffles fin fins) and (agitator impeller mixer bladed blades))	USPAT; US-PGPUB; EPO; JPO	2004/06/14 16:38
-	2	((("6281300") or ("6319997")).PN.	USPAT	2004/06/14 16:58
-	33	("2285721" "2825721" "2915513" "3152872" "3293000" "3324093" "3625658" "3816383" "3858943" "3956061" "4007321" "4121029" "4199546" "4372758" "4395523" "4424341" "4461889" "4501885" "4589957" "4613484" "4632976" "4690804" "4737280" "4794151" "5183866" "5207929" "5292863" "5391656" "5455314" "5565175" "5575979" "5597892" "6239235").PN.	USPAT USPAT	2004/06/14 16:38
-	2	6319997.URPN.	USPAT	2004/06/14 16:41

-	31	("2825721" "2915513" "3152872" "3293000" "3324093" "3625658" "3816383" "3858943" "3956061" "4007321" "4121029" "4199546" "4372758" "4395523" "4424341" "4461889" "4501885" "4589957" "4613484" "4632976" "4690804" "4737280" "4794151" "5183866" "5207929" "5292863" "5391656" "5455314" "5565175" "5575979" "5597892").PN.	USPAT	2004/06/14 16:41
-	2	6281300.URPN.	USPAT	2004/06/14 16:42
-	1	("6239235").PN.	USPAT	2004/06/14 17:00
-	62884	impeller agitator	USPAT; US-PGPUB	2004/06/14 17:00
-	1054199	titanium aluminum steel	USPAT; US-PGPUB	2004/06/14 17:00
-	3399	(impeller agitator) with (titanium aluminum steel)	USPAT; US-PGPUB	2004/06/14 17:00
-	1107	(polymerization polymerize) and ((impeller agitator) with (titanium aluminum steel))	USPAT; US-PGPUB	2004/06/14 17:03
-	3152	loop near3 reactor	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:01
-	141	(loop near3 reactor) and (vane vanes baffle baffles fin fins) and (agitator impeller mixer bladed blades)	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:01
-	131	((loop near3 reactor) and (vane vanes baffle baffles fin fins) and (agitator impeller mixer bladed blades)) not ((loop near3 (agitator impeller blades mixer stirring)) and (vane vanes baffle baffles fin fins) and (agitator impeller mixer bladed blades))	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:01
-	35	((loop near3 reactor) and (vane vanes baffle baffles fin fins) and (agitator impeller mixer bladed blades)) not ((loop near3 (agitator impeller blades mixer stirring)) and (vane vanes baffle baffles fin fins) and (agitator impeller mixer bladed blades))) and (polymerization polymerize)	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:01
-	19	(loop near3 reactor) and ((impeller agitator) with (titanium aluminum steel))	USPAT; US-PGPUB	2004/06/14 17:13
-	106266	olefin olefins	USPAT; US-PGPUB	2004/06/14 17:13
-	290588	polymerization polymerize polymerized	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:13
-	19398	(olefin olefins) with (polymerization polymerize polymerized)	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:15
-	217647	reactor	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:15
-	11683	(titanium aluminum steel) near3 reactor	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:15
-	1563	((olefin olefins) with (polymerization polymerize polymerized)) and ((titanium aluminum steel) near3 reactor)	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:15
-	1334137	construction	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:15
-	85	((olefin olefins) with (polymerization polymerize polymerized)) and ((titanium aluminum steel) near3 reactor)) and construction	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:16
-	20	(impeller agitator) and (((olefin olefins) with (polymerization polymerize polymerized)) and ((titanium aluminum steel) near3 reactor)) and construction)	USPAT; US-PGPUB; EPO; JPO	2004/06/14 17:16

-	6	US-4211863-\$.DID. OR US-5183866-\$.DID. OR US-5387659-\$.DID. OR US-5565175-\$.DID. OR US-6042790-\$.DID. OR US-6239235-\$.DID.	USPAT	2004/06/14 17:18
-	2	(titanium aluminum steel) and (US-4211863-\$.DID. OR US-5183866-\$.DID. OR US-5387659-\$.DID. OR US-5565175-\$.DID. OR US-6042790-\$.DID. OR US-6239235-\$.DID.)	USPAT	2004/06/14 17:18